

Serial No. 09/128,721

Claim 44 (New). The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in modified ISO 7854 Method B flex crack resistance compared to a fabric without the durability layer.

Claim 45 (New). A composite chemical barrier fabric having improved durability, comprising:

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H4
G'

a multiple layer, chemical barrier material having a first side and a second side; and
a durability barrier layer coated on at least one of said first or second side comprising a layer of a thermoplastic polyolefin elastomer resin (TPO) having an inherent bonding affinity to the chemical barrier material, the resin having an ASTM D793 density at 23°C g/cm³ of about 0.88.

Claim 46 (New). The composite chemical barrier fabric of claim 45, wherein the multiple layer chemical barrier material contains at least one stratum that comprises a material selected from the group consisting of polyvinylidene chloride, ethylene vinyl acetate, ethylene vinyl alcohol, nylon, polyvinyl alcohol, polyester, polytetrafluoroethylene, fluorinated ethylene propylene, polyvinylidene chloride copolymer, acrylic, acrylonitrile copolymer, ionomers, ethylene/methacrylate acid copolymer, polybutylene, metalized polyester, polypropylene, oriented polypropylene, and polyamide.

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Claim 47 (New). The composite chemical barrier fabric of Claim 45, wherein the fabric achieves at least about a 25% improvement in ASTM 1342 puncture resistance compared to a fabric without the durability layer.

Claim 48 (New). The composite chemical barrier fabric of Claim 45, wherein the fabric achieves at least about a 25% improvement in modified ISO 7854 Method B flex crack resistance compared to a fabric without the durability layer.

G (Claim 49 (New). The composite chemical barrier of Claim 45, wherein the TPO comprises polypropylene.

Claim 50 (New). The composite chemical barrier of Claim 45, wherein the durability barrier layer has a thickness of about 1 mil to 10 mils.

REMARKS

Status of the Claims

Claims 1-31, 33, 34, and 43-50 are pending. Claims 35-42 are canceled. Claims 43-50 are added. The instant amendment does not add any new matter or present new issues, and is discussed in greater detail below.